

II. Amendments to the Specification

Please amend paragraph [0040] as follows:

[0040] As shown in the cross sectional view of FIG. 5, the intervertebral disc prosthesis 20 may be in a neutral position when the components 26, 22, 24 are centrally aligned along the longitudinal axis 44. The protrusion 32 may have a curve 50, which in this embodiment may be an arc with a relatively constant radius 52 and a center point 54. The surface 34 may have a curve 56 which in this embodiment may be an arc with a relatively constant radius 58 and a center point 60. A distance 55 may be measured between the center points 54, 60. In this example, the radius 52 is smaller than the radius 58, and accordingly, the arc 50 is tighter than the arc 56. In the neutral position, the center points 54 and 60 may be aligned along the longitudinal axis 44, and the smaller curve 50 may be positioned within the curve 56, which in this embodiment may be the area 57 defined by the sweep of the radius 58. As shown, the upper surface of the center member 22 complements the interior surface 34 of endplate assembly 26 such that the upper surface of the center member 22 has a radius of curvature substantially similar to radius 58 of the interior surface 34. Further, as shown, the lower surface 38 of the center member 22 surrounding the cavity 40 has a radius of curvature substantially similar to or equal to the upper surface of the center member 22, but in an opposite direction.